

Experiment(s) :

1. Determination of dielectric constant of liquids
2. Determination of dielectric constant of solids

(For more details, procedure & manual visit: www.kamaljeeth.net)

Experiment setup consists:

- a) Capacitance metre
- b) Dielectric constant of solids arrangement
- c) Dielectric constant of liquids arrangement

Specifications:

a) Capacitance meter

Range 0-1000 pF
Resolution: 1 pF
Rated Input: 220 V/50 Hz
or 110 V/60 Hz
Power consumption: <20 W
Mains socket: 3 Pin with fused protection

b) Dielectric of solids arrangement

Capacitor: Parallel mounted aluminium discs
Sample thickness: 1 mm to 25 mm

c) Dielectric of liquids arrangement

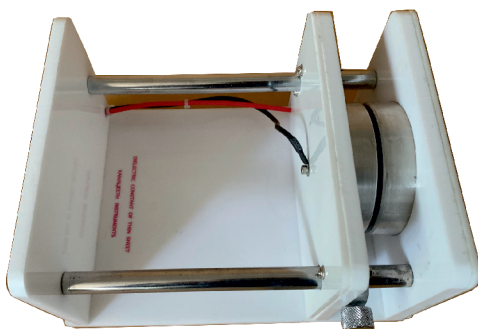
Capacitor: Concentric aluminium cylinders with cavity for liquid flow
Suitable for non corrosive inorganic liquids only
Sample quantity: 75 ml

Dimensions

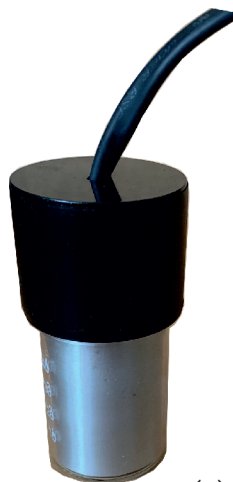
Capacitance meter: 140 mm x 145 mm x 210 mm
Dielectric of solids arrangement: 210 mm x 150 mm x 100 mm
Dielectric of liquid arrangement: 50 mm x 50 mm x 100 mm



(a)



(b)



(c)



KAMALJEETH INSTRUMENTS

Address: No. 610, 5th main, 8th cross Tatanagar, Bangalore - 560092, INDIA

Website: www.kamaljeeth.net, Email: labexperiments@kamaljeeth.net

ESTD. 1990

3 years manufacturing warranty